



LIGHT

for the

NIGHT AIR MAIL



KOHLER OF KOHLER
AUTOMATIC ELECTRIC PLANTS



Where Light Means Life ~

~ KOHLER *Electric Plants Serve the Government*

AS the United States Mail airplanes roar through the black skies between New York City and Cleveland, Ohio each night, the safe delivery of important mail, valuable securities and the very lives of the pilots depend upon the trustworthiness of KOHLER Electric Plants.

For KOHLER Electric Plants are used to generate the electric current for the search-lights that guide the pilots over the safe route.

Ships, hospitals, theatres, and other places where there *must* be electric current at all times, also depend on KOHLER Electric Plants. Should the regular supply of electricity break down, KOHLER plants furnish the electric current needed.

Electricity for All Country Places

This same dependable supply of electricity can be made available anywhere. The KOHLER Electric Plant brightens thousands of farm homes with a flood of cheerful electric light. It makes hard work

easy. Washing, ironing, sweeping, and milking are done with its electric power.

Summer resorts and homes can have electric light from the KOHLER Automatic Electric Plant in every building, and out of doors. And all the labor-saving devices used in city homes can be operated with KOHLER electricity.

Electric Light for Country Stores and Garages

Garages in rural districts find the KOHLER plant a profitable investment. It lights the outdoor sign and gasoline pumps and attracts new business. Country stores, too, build bigger business with its bright light. The homes connected to these same plants are made more pleasant. To country schools, churches, and wherever it is used, the KOHLER Automatic Electric Plant brings bright, safe light and comfort and cheer such as have never been known there before.

Let it bring that same satisfactory electric service to you.

U. S. Air Mail Uses 59 KOHLER Electric Plants

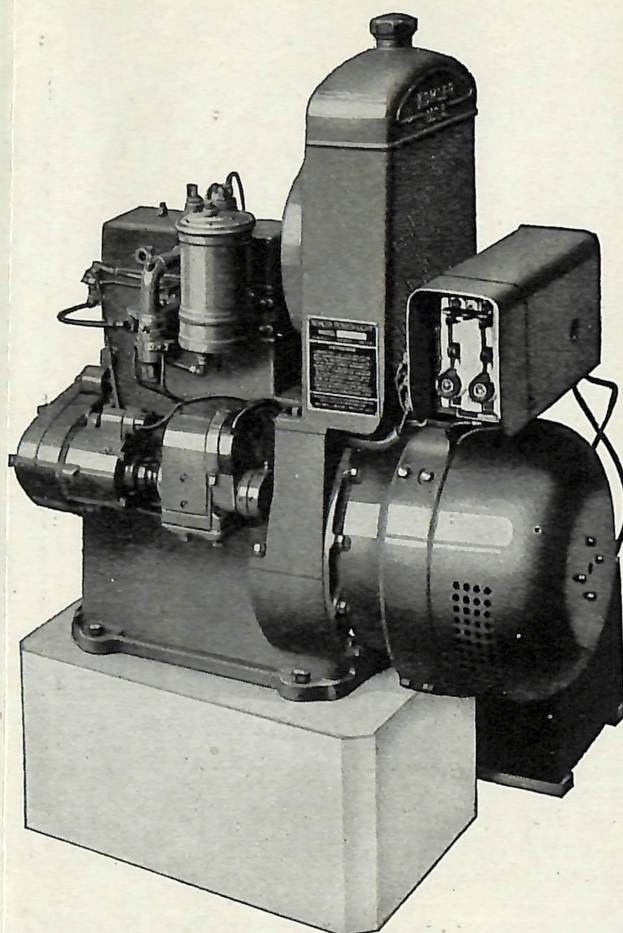
Fifty-nine KOHLER Electric Plants have been installed to supply electric current for the powerful search lights that mark the safe route for the night flyers to travel.

The United States Government realized that only a thoroughly reliable electric plant could be used — for without light, the flyer's life and his precious cargo would be in danger. It selected the 1500 watt KOHLER Electric Plant for this responsible task.

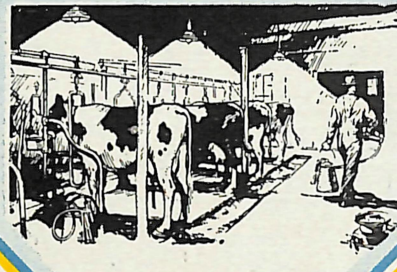
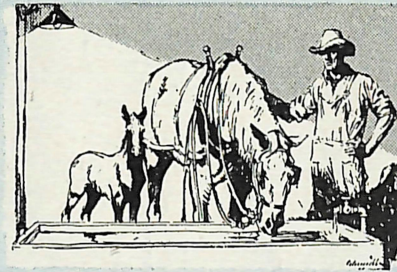
Let these facts guide you. Get the KOHLER Electric Plant for your own use.

AIR MAIL BEACON
Farmersville, Pa.
Lighted by
KOHLER ELECTRIC PLANT





KOHLER *Automatic Electric Plant*



As Convenient to Use as Electric Service in City Homes

Press a button for light or turn the switch on some appliance anywhere in the circuit and the KOHLER Automatic Electric Plant starts *automatically* to generate as much or as little current as you need. When the last lamp or electric device is turned off, it stops *automatically*. KOHLER electricity is available automatically at the press of a button, the same convenient service that electric lines supply in cities.

No Large Storage Batteries

The KOHLER Automatic Electric Plant consists of a sturdy, smooth-running engine with a large, direct-connected generator; also a small starting battery and the KOHLER-patented automatic switch, which start and stop the plant automatically. The usual set of large storage batteries used with other private electric plants is unnecessary.

Electricity You Can Afford

By eliminating these large sets of storage batteries, KOHLER owners are freed of the bother of taking care of them, and save the cost of repairing and the expense of replacing them when they become damaged or are worn out.

Low Fuel Consumption

To insure still further economy, the amount of fuel used is regulated automatically by the governor to correspond to the amount of current required. Thus when only a few lights are turned on, only a small amount of fuel is used. As the amount of electricity needed increases, more fuel is automatically supplied.

This gasoline regulator enables you to run the KOHLER Plant with but little cost when you

use only a few lights for reading as well as when you need a large flow of current for power purposes.

110 Volt Current

KOHLER plants generate 110 volt current, the same voltage as is supplied to city homes. Current of this voltage operates standard electric light bulbs and appliances, which cost less to buy and are obtainable at any electric store.

This penetrating, long-range current can be sent to buildings hundreds of feet from the plant without noticeable "line loss."

Current of 110 volts enables you to save money on the wiring, especially where widely scattered buildings must be reached, for with 110 volt current, lighter, less expensive wire can be used.

Reasonable in Price

KOHLER Automatic Electric Plants are built of the finest materials to insure long years of satisfactory service. Yet they cost no more to buy than any other electric plant of the same capacity and able to provide you with the same satisfactory electric service.

Model "S" generates 800 watts, enough current for 32 25-watt light bulbs; Model "D", 1500 watts, 60 25-watt globes; Model "K", 2000 watts, 80 25-watt lights.

One of these sizes will supply you with all the bright, cheerful electric light you need, and will generate abundant power with which to

finish hard, back-breaking tasks quickly and with practically no effort on your part.

Easy to Buy

You can get a KOHLER Electric Plant right away if you want it. You need not wait any longer for the happiness it will bring you.

If you do not find it convenient to pay the whole cost of the plant now, make a part payment, the balance can follow later.

That first payment will bring the plant to you. Use it. Let it help you with your work. Let it brighten the home. Let it bring to your home those same, modern comforts and conveniences that electricity brings to city homes.

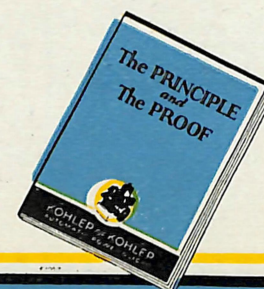
Ask for Complete Information

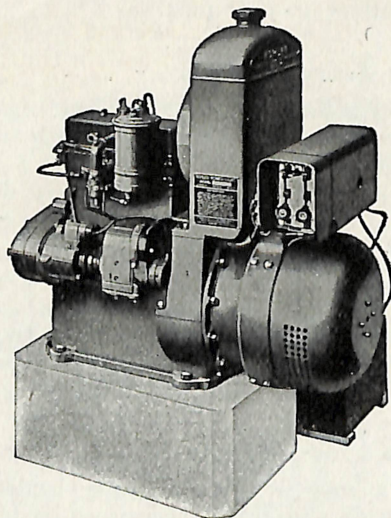
We have a copy of an interesting booklet for you. It describes in detail the various models of KOHLER Electric Plants and tells you about the company which for fifty-three years has been known for the excellence of its products.

Write for a copy and ask to see a running demonstration of this plant which serves the U. S. night air mail flyers so faithfully. Prices and terms on request. NO OBLIGATION involved or implied. DON'T WAIT. WRITE RIGHT NOW.

KOHLER of KOHLER
Automatic Electric Plants

KOHLER CO., Founded 1873 Kohler, Wis., U.S.A.





Kohler Automatic Model "D" 1500 Watts

SPECIFICATIONS

ENGINE — Valve-in-head, four cylinder, four cycle; 2" bore, 3" stroke, speed 1000 R. P. M.

HORSEPOWER (Gas Engine) — 3.

LUBRICATION — Pressure pump forcing strained oil to all main bearings, splash to other engine bearings.

COOLING — Water cooled, each cylinder entirely surrounded by water.

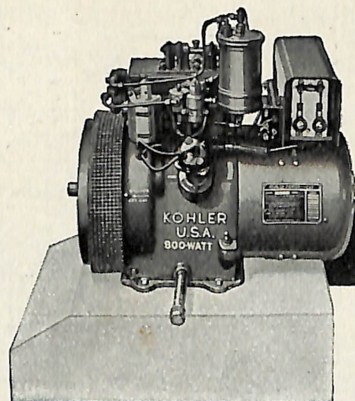
CRANKSHAFT, CAMSHAFT, ROCKER ARMS AND CONNECTING RODS — Drop forged, special steel, heat treated.

GOVERNOR — Mechanical throttling; proportions fuel used to load being carried.

STARTING BATTERY — Small battery of automobile type for starting only; kept automatically charged.

FUEL SUPPLY — Vacuum tank on plant; connected to 55-gallon main supply tank, to draw fuel for plant.

GENERATOR — Four pole, compound wound, 110 volt D. C., 1500 watts.



Kohler Automatic Model "S" 800 Watts

SPECIFICATIONS

ENGINE — Valve-in-head, two-cylinder, four cycle, $2\frac{1}{8}$ " bore, 3" stroke, speed, 950-1050 R. P. M.

HORSEPOWER (Gas Engine) — $1\frac{1}{4}$.

LUBRICATION — Hollow crankshaft; positive flow of oil to all main bearings.

COOLING — Air cooled by suction fan.

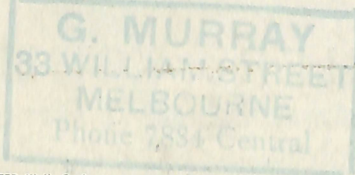
CRANKSHAFT, CAMSHAFT, ROCKER ARMS AND CONNECTING RODS — Drop forged, special steel, heat treated.

GOVERNOR — Magnetic throttling; proportions fuel used to load being carried.

BATTERY — Small battery for starting only; kept automatically charged.

FUEL SUPPLY — Vacuum tank on plant; connected to 55-gallon main supply tank, to draw fuel for plant.

GENERATOR — Four pole, compound wound, 110 volt D. C., 800 watts.



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